

# Achieve Best-in-Class Productivity and Plant-Health/Workforce Awareness with Enhanced Test Productivity Pack



## Key Benefits

- Improves workforce productivity and plant-health awareness with failure analysis and reporting (with the Failure Reports option for Home Certification).
- Simplifies access to critical information with easy drill down to data file (with the Failure Reports option for Home Certification).
- Increases management efficiency with simplified meter inventory access and control to maintain and display inventory, ownership, firmware, and calibration status.
- Improves technician productivity by keeping meters current and helps providers centrally store, synchronize, and deploy meter firmware updates and configuration data, such as channel plans, pass/fail limits, the DOCSIS® configuration, and location file, over RF or LAN.

## Applications

- **Test once and test correctly**—eliminate callbacks by conducting the correct test and ensure testing consistency
- **Manage your meter investment**—keep meters up to date and give supervisors control over settings
- **Verify tests**—synchronize test data and review results
- **Reduce drive time**—remotely access DSAMs
- **Increase productivity**—learn quickly through standardized and guided home-certification testing

The TechComplete™ Test Productivity Pack (TPP) system improves the triple-play customer experience by optimizing workforce effectiveness and productivity through proactive meter-asset management and fast, easy access to testing data analysis and reports. The TPP contains the essential tools for maintaining and optimizing DSAM usage with meter-asset management, channel-plan and limit-plan management, test reporting, DSAM remote access, and meter-browser management. Users can track and control HFC test processes through a centrally stored, browser-accessible database.

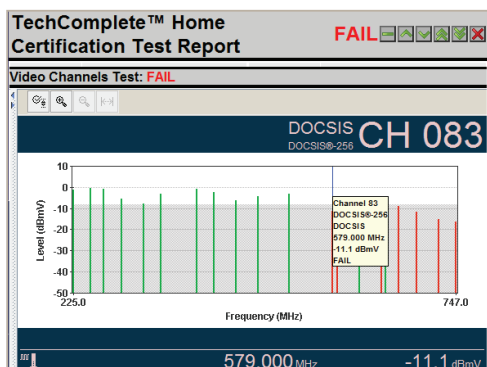
## Asset Management

Keeping instruments up to date with the proper channel plans, test configurations, and firmware can be a challenge. Having a large meter inventory can make it especially difficult to track instrument status. The TPP establishes inventory control and eases the identification of units needing calibration, firmware, or configuration updates. Maintaining up-to-date instrument status helps to avoid slowdowns related to inadequately fitted instruments.

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## Home Certification

Home Certification procedures that include DSAM automated tests improve reliability because they ensure test completeness and accuracy, reducing repeat truck rolls, improving overall customer satisfaction, and reducing churn. This process also permits workforce accountability and control and helps to identify equipment issues or employees who need coaching. A Home Certification test establishes baseline performance for the home for technicians to use later in comparing current performance.



Chan	Type	Label	Frequency (MHz)	Level (dBmV)	V/A (dB)	MER (dB)	Pre-FEC BER	Post-FEC BER
40	✓	HISTORY	321.000	-7.7		---	---	---
44	✓	ABC FAM	345.000	-3.3		+38.1	---	---
52	✓	FOX NEWS	393.000	-0.7		+38.8	---	---
56	✓	MUX 33	417.000	-2.3		---	---	---
61	✓	TRAVEL	447.000	-6.2		+36.2	---	---
66	✓	TRU TV	477.000	-4.5		---	---	---
73	✓	WISH HD	519.000	-3.2		---	---	---
83	✗	DOCSIS	579.000	-11.1	✗	---	✗	✗
84	✗	TNT HD	585.000	-9.8	↓	+30.2	↓	---

## Proof-of-Performance Reporting Option

- Easily collect test data for proof-of-performance reports.
- Provides reports that meet filing requirements.

## Failure Report Option for Home Certification

- Easily determine the problem's source by drilling down to specific-location test data.
- Identify system performance problems based on service type, channel type, and channel lineup to identify customer-affecting issues quickly.

Channel failure causes and count										
Total Tests Run									172	
Number Of Fails									24	
Video Channel Test- Analog										
Channel	Status	Level hi	Level lo	Level Fail Other	V/A	V/A2	Adj.Chan	HUM	C/N	Deviation
Total	0	0	0	0	0	0	0	0	0	0
Video Channel Test- Digital/DOCSIS										
Channel	Status	Level hi	Level lo	Level Fail Other	MER	PreBER	PostBER	Deviation		
15	4	1	3	0	0	0	0	0	0	
24	3	1	2	0	0	0	0	0	0	
28	3	1	2	0	0	0	0	0	0	
31	1	0	1	0	0	0	0	0	0	
35	5	1	4	0	0	0	0	0	0	
107	7	0	7	0	0	0	0	0	0	
112	11	0	11	0	2	0	0	0	0	
116	10	1	9	0	2	0	0	0	0	
Total	94	13	79	2	7	1	1	0	0	
Cable Modem Channel Test										
Channel	Status	US Level Headroom	US Transmit Level	DS Level	DS MER	DS PreBER	DS PostBER	Deviation		
80	13	9	0	2	0	2	1	0	0	
Total	13	9	0	2	0	2	1	0	0	

## Ordering Information

Part Number	Description
1010-00-0894	Test Productivity Pack server 50 meters
1010-00-0911	Test Productivity Pack server 10 meters
1010-00-0926	Test Productivity Pack server 5 meters
1019-00-1527	Test Productivity Pack add 500 meters
1019-00-1526	Test Productivity Pack add 250 meters
1019-00-1525	Test Productivity Pack add 50 meters
1019-00-1538	Test Productivity Pack add 10 meters
TPP-ADD-5-METERS-UPGRD	Test Productivity Pack add 5 meters
TPP-FAILURE-RPRT-LIC	Test Productivity Pack—Failure Reports for Home Certification
TPP-POP-RPRT-LIC-FAC	Proof-of-Performance Reporting Option for TPP
TPP-POP-RPRT-LIC-FLD	Field Upgrade to add Proof-of-Performance Support



**North America**  
 Tel: 1 855 ASK-JDSU  
 1 855 275-5378

**Latin America**  
 Tel: +1 954 688 5660  
 Fax: +1 954 345 4668

**Asia Pacific**  
 Tel: +852 2892 0990  
 Fax: +852 2892 0770

**EMEA**  
 Tel: +49 7121 86 2222  
 Fax: +49 7172 86 1222

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